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Urban District Council.

Annual Report

OF THE

Medical Officer of Health

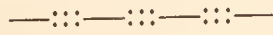
(DR. J. J. MURPHY)

FOR THE

Year ended Dec. 31st, 1938.

A. Crathorn & Sons
QUEENSBURY.

Queensbury & Shelf
Urban District Council.



Annual Report

OF THE

Medical Officer of Health
(DR. J. J. MURPHY)

FOR THE

Year ended Dec. 31st, 1938.

50, WEST END,

QUEENSBURY,

JUNE, 1939.

MR. CHAIRMAN AND GENTLEMEN.

I have pleasure in presenting my Report for the year ending December 31st, 1938.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)—2,795.

Population (Registrar-General) 8,640.

Number of inhabited houses (end of 1938)—3,132.

Rateable value and sum represented by a penny rate—£34,624. £135.

Social conditions, including the chief occupations of the inhabitants, and the influence of any particular occupation on public health. I—Satisfactory. II—Textile. III—None.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Live Births— M. F. Deaths—122.

Legitimate—68 53. Birth Rate—14.00.

Illegitimate—0 3. Death Rate—14.12.

Still Births— 4 4.

Percentage of total deaths occurring in public institutions
28.65.

Number of women dying in, or in consequence of, child-birth from sepsis—Nil; from other causes—Nil.

Death-rate of Infants under one year of age per 1,000 live births—16.39 Legitimate—2, Illegitimate—0; Total—2.

Deaths from Measles (all ages)—Nil.

Deaths from Whooping Cough (all ages)—Nil.

Deaths from Diarrhoea (under 2 years of age)—Nil.

BIRTH RATE (England and Wales).

Live Births—15.1.

Still-Births—0.61.

DEATH RATE (England and Wales).

All Causes—11.6.

QUEENSBURY & SHELF URBAN DISTRICT, 1938.

CAUSES OF DEATH.

All Causes—65 M., 57 F.

Tuberculosis of respiratory system—0 M., 1 F.

Other Tuberculosis diseases—1 M., 1 F.

Cancer, malignant disease—12 M., 6 F.

Diabetes—2 M.

Heart disease—24 M., 25 F.

Bronchitis—1 M., 1 F.

Pneumonia (all forms)—1 M., 1 F.

Congenital debility and malformation, premature birth—
1 M., 1 F.

Diphtheria—Nil.

Suicide—1 M.

Stillbirths—Total, 4 M., 4 F. Legitimate.

Particulars of any unusual or excessive mortality during the year which has received or required comment—Nil.

VITAL STATISTICS FROM 1937 OF COMBINED AREA.

Year	Population	Births	Birth Rate	Deaths	Death Rate
1937	8641	140	16.20	141	16.30
1938	8640	121	14.00	122	14.12

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

1.—PUBLIC HEALTH OFFICERS.

Medical Officer—Dr. J. J. Murphy (Part time).

Sanitary Inspector—H. Walmsley (Full Time).

2.—NURSING IN THE HOME.

General—Private—District Nursing Associations.

Infectious Diseases—By Sanitary Authority.

3.—MIDWIVES PRACTISING IN THE AREA.—Three.

(One Private and Two W.R.C.C.)

(There are no arrangements for the employment of, or subsidy to, Midwives by the Local Authority).

4.—NATIONAL HEALTH INSURANCE.—Nil.

5.—POOR LAW MEDICAL OUT-RELIEF.

Public Assistance Committee.

6.—LABORATORY FACILITIES.

Examination or Analysis of Clinical Material, Water, Milk and Foodstuffs—West Riding County Council.

7.—LEGISLATION IN FORCE.

Public Health Acts (Amendments), 1907.

Infectious Diseases (Prevention), 1890—Parts 3 and 5.

Private Streets Works Act, 1892—Parts 23, 26, 46, and Section 95 of Part 10.

8.—HOSPITALS.

Infectious, General—Scarlet Fever Hospital
Long Lane, Ambler Thorn. Number of Beds—12.

Hospital Management—Committee of Local Authority.

Staff—M.O.H., Fully Trained Matron, and Trained Nurses when required).

Consultants—As the M.O.H. desires.

Specify, indicating the number for each sex and the hospital or institution concerned, the beds available for the following services :—

General Medical	Mental
General Surgical	Mental Deficiency
Children	Orthopaedic
Maternity	Ear, Nose and Throat
Venereal Diseases	Puerperal Fever and Pyrexia
Tuberculosis	Ophthalmia Neonatorum
Chronic Sick	Other —Nil.

All cases transferred to Bradford and Halifax hospitals.

9.—MATERNITY AND NURSING HOMES.—Nil.

10.—MATERNAL MORTALITY.—At Hospitals concerned.

11.—INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, ILLEGITIMATE INFANTS AND HOMELESS CHILDREN.—Public Assistance Committee.

12.—INSTITUTIONAL PROVISION, IF ANY, FOR THE CARE OF MENTAL DEFECTIVES.—As above.

13.—AMBULANCE FACILITIES.—

(a) For infectious cases—Yes.

Local Ambulance for Scarlet Fever.

Brighouse Ambulance for Diphtheria and Typhoid.

(b) For non-infectious and accident cases—Yes.

St. John's, Bradford, and Halifax Corporation.

14.—CLINICS AND TREATMENT CENTRES.

Ante-Natal—Provided.

Child Welfare—Provided.

School Clinic—W.R.C.C. (School Children only).

Dental Clinic—W.R.C.C. (School Children only).

Ophthalmic Clinic—W.R.C.C. (School Children only).

TABLE C, 1938.

QUEENSBURY & SHELF URBAN SANITARY DISTRICT.

NUISANCE INSPECTIONS.

Total No. of Inspections made in 1938, for Nuisances only—188.

Nuisances found in 1938—71.

Nuisances in hand, end of 1937—None.

Total needing abatement—71.

Abated during 1938—69.

Outstanding end of 1938—2.

Notices served, Informal—27.

Complied with—27.

Notices served, Statutory—1.

Complied with—1.

Total No. of Summonses or other legal proceedings—None.

Common Lodging Houses, No. in District—None.

Houses let in Lodgings, No. in District—None.

Canal Boats, No. in District—None.

Knaekers' Yards, No. in District—None.

Tents, Vans and Sheds, No. in District—2; No. on Register—2; Total No. of Inspections made—4.

Offensive Trades, No. in District—2; No. on Register—2.
(Tripe Boiler and Tannery).

Have the Council declared any other processes to be offensive trades?—No.

DRAINAGE AND SEWERAGE.

Particulars of any sewer extensions during 1938—None.
 Details of any portion of district still requiring—

- (a) Sewering—Sewers extended as required.
- (b) Improvement of defective sewers—None.

No. of Houses not connected to sewers—146 Shelf Area;
 107 Queensbury Area.

Sewage Disposal Works—

Particulars of any extensions made during 1938—
 None.

Any inadequacy of sewage disposal works?—Lum-
 brook Works too small.

Any complaint from West Riding River Board?—
 Shelf Works, Effluent not satisfactory.

CLOSET ACCOMMODATION.

No. of Privies with open middens—25.

No. of Pail or Tub Closets—57.

No. of Privies with covered middens—225.

No. of Water Closets—2273.

Waste-water Closets—144.

No. of Privies re-constructed during 1938—

- (a) as w.c.'s—3.
- (b) other—Nil.

No. of Closets, other than Privies, reconstructed during
 1938 as W.C.'s—28.

No. of additional Closets provided for old property in
 1938—

- (a) w.c.'s—Nil.
- (b) other—Nil.

No. of Closets constructed in 1938 for new houses—

(a) w.c.'s—33.

(b) other—Nil.

Any special action being taken by Council to secure conversion of privies, waste water closets and pails to W.C. System. If so, what?—Half cost to Drainage and Plumbing Work.

SCAVENGING.

Is public scavenging in operation throughout the whole district?—Yes.

How is refuse disposed of?

1 Destruction—None.

2 Tipping—Quarry.

3 Farmers—None.

If tipping is in operation, is it on the controlled system?—Yes.

Total annual cost of collection and disposal of refuse—£1247 0s. 0d.

Particulars of any extension or improvement in the service during the year—Ashes Bins, collection by motor-transport.

WATER SUPPLY.

Source of Supply—Thornton Moor, Bradford City Council.

By whom distributed—Queensbury and Shelf U.D.C.

No. of dwelling-houses on public supply—2974.

Any extension of supply during the year?—Mains extended to new houses.

Has supply been satisfactory?—Yes.

(a) In quality—Yes.

(b) In quantity—Yes.

Have any supplies been restricted or closed, if so, where?—None.

MILK SUPPLY.

Are Two Registers being kept as required by Section 2 (3) Milk and Dairies (Amendment) Act, 1922?—

(a) For Retailers—Yes.

(b) For Cowkeepers or Wholesale Traders—Yes.

Have any retailers been removed from the Register?—None.

Milk (Special Designations) Orders 1936 and 1938.

	No. Licences in force in area for:—	Samples of designated milks examined bacteriologically:—		
		No. Satisfactory	No. Unsatisfactory	Total
(a) Production of “Tuberculin Tested” Milk	—	—	—	—
(b) Production of “Accredited” Milk	1	3	—	3
(c) In respect of Pasteurising plants	4	2	2	2

No. of Milk samples taken by officers of local authority for analysis under the Food and Drugs (Adulteration) Act, 1928—None.

No. found adulterated—None.

No. of prosecutions—None.

No. of samples of ordinary milk taken by officers of local authority for:—

(a) Methylene blue test—None.

(b) Presence of tuberculosis—None.

Any special examination of milk for dirt, e.g., sedimentation test?—No. 43 samples taken for bacteriological.

Any instance of disease attributed to milk during 1938?—None.

No. of cowkeepers in district—45.

No. registered—45.

Total No. of cowsheds—67.

Total No. of milk cows—Approx. 580.

Total No. of cowsheds inspected during the year—67.

Total No. of cowshed inspections—200.

No. of wholesale traders registered—8.

No. of retail milk sellers registered—50.

Observations as to structural conditions, cleanliness and methods of production and handling of milk—
Structural conditions improved and improving;
Sampling and inspection have improved the methods of production, etc.

MORTUARIES.

What accommodation:—

(a) for accidents—Mortuaries at Queensbury and Sanatorium, Shelf.

(b) for infectious cases other than at hospital—Nil.

(c) for other cases—As (A).

(d) for post mortem examinations—As (A).

Any suggestions by M.O.H.—Extra lighting required and hot water laid on.

BURNING SPOIL BANKS.

Any nuisance therefrom? If so, please give particulars—None.

SANITARY STAFF.

What is the present Annual Salary of the M.O.H.?—£175.

Name of Sanitary Inspector—Harry Walmsley.

Annual Salary as Inspector—£220.

Any Assistants?—No.

Is Staff sufficient?—Yes.

Does M.O.H. receive copies of Memos. and Circulars distributed by Ministry of Health?—Yes..

MEAT INSPECTION.

Any public abattoir in district?—No.

Total No. of private slaughterhouses—11 made up of 2 registered and 9 licensed.

No. unsatisfactory either as regards structure, position or in other respects—None.

CARCASES INSPECTED AND CONDEMNED.

	Cattle (excluding cows)	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	960	219	7	2582	1262
Number inspected	...	—	—	—	—
All diseases except Tuberculosis—					
Whole carcases condemned	—	—	—	—	2
Carcases of which some part or organ was condemned	...	14	—	—	20
Percentage of the number inspected affected with disease other than tuberculosis	...	6.4%	—	—	1.74%
Tuberculosis only—					
Whole carcases condemned	—	—	—	—	1
Carcases of which some part or organ was condemned	...	18	—	—	50
Percentage of the number inspected affected with tuberculosis	...	8.27%	—	—	4.04%

PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

Meat Marking: Is scheme in force under above?—Optional

OTHER FOODS.

No. of samples (other than milk) taken by officers of L.A. for examination under the Food and Drugs (Adulteration) Act, 1928—None.

No. found adulterated—None.

No. of prosecutions—None.

No. of Bakehouses in district—10.

Total inspections—10.

Are any bakehouses underground, if so, how many?—1.

SCHOOLS.

No. of Schools in District—7.

No. visited by M.O.H.—All visited at intervals.

Action taken—Fumigation and Spraying.

Schools closed by M.O.H.—None.

General Sanitary Conditions—Chapel Lane School, Privies under notice.

SMOKE ABATEMENT.

No. of smoke observations each of 30 minutes' duration taken during 1938—Six.

No. of above showing excessive emission of black smoke—None.

No. of cautions issued—None.

No. of statutory notices issued—None.

No. of prosecutions—None.

SHOPS ACT, 1934, Sections 10 and 13 (3).

No. of visits paid under the above Act during 1938—None.

Unsatisfactory conditions found—None.

Remedied—None.

TENTS, VANS, SHEDS, etc.

No. in District—2.

Is this class of dwelling showing signs of increase?—No.

Have Council made bye-laws under Section 268 (4), Public Health Act, 1936?—No.

CAMPING SITES.

No Camping Sites.

ERADICATION OF BED BUGS.

No. of Council houses found to be infested—None.

No. disinfested—None.

Other houses found to be infested—None.

No. disinfested—None.

What methods are employed for freeing infested houses from bed bugs?—None required.

What methods are employed for ensuring that the belongings of tenants are free from vermin before removal to Council houses?—None.

Is the work of disinfection carried out by the local authority or by a contractor?—Not provided.

What measures are taken by way of supervision or education of tenants to prevent infestation or re-infestation of houses after cleansing?—None required.

SWIMMING BATHS AND POOLS.

Are there in the district:—

(a) Any public swimming baths or pools—No.

(b) Any privately owned swimming baths or pools open to the public—Yes, 1.

If so, give brief particulars of each and state what action is taken to ensure satisfactory condition of the water—Victoria Hall Baths; Owners, John Foster & Sons, Queensbury; Inspections, 2 Samples sent to County Laboratories.

(c) Any samples of bath waters examined in 1938, apart from samples submitted to the County Bacteriological Laboratory. If so, please give particulars—None.

URBAN POWERS (Rural Districts only).

Are any urban powers in force in your District under Section 13 of the Public Health Act, 1936? If so, what—None.

BYE-LAWS AND REGULATIONS in force in district.

Please give complete list of Byelaws and Regulations in force, and date of adoption in each case—Smoke Abatement 2nd January, 1929; Slaughter of Animals Act 1933.

INFANT MORTALITY.

Any suggestions?—None.

Causes of any excessive Infant Mortality in 1938—None.

INFECTIOUS AND OTHER DISEASES.

Diseases specially prevalent in 1938—Scarlet Fever.

State months—January to July.

Any diseases specially added to notifiable list?—None.

Any influences threatening the health of the District?—No.

Any arrangements for nursing Puerperal Fever cases? (for areas autonomous under the M. & C.W. Act, 1918)—At Home—Yes.

In Hospital—Yes.

ISOLATION HOSPITALS.

General Infectious Diseases :—

Address of Hospital—Long Lane, Queensbury.

Any change or extensions in 1938—General Repairs and internal renovations.

Any disease in addition to scarlet fever, enteric fever or diphtheria (e.g., pneumonia or non-notifiable disease) treated in infectious diseases hospital—Scarlet Fever only.

Name of authority controlling—Queensbury and Shelf U.D.C.

Smallpox :—

Address of Hospital—None in Area. Bradford & Halifax.

GENERAL HOSPITALS AND INSTITUTIONS.

(a) General and Accident, Address—Nil.
Children's, Address—Nil.

(b) Local: Hospital, Cottage, Address—None.

(c) Maternity (Homes), Address—None.

Nursing Homes (Public Health Act, 1936, Section 187).
Are there, to your knowledge, any Nursing Homes in your district which may not be registered?—No.

AMBULANCE SERVICES.

For General Sick and Accident Cases :—

Location of Ambulance—Bradford and Halifax.

Type of Ambulance—Motor.

Arrangements for nurse to accompany patient—Nil.

Charges (if any) to patients in district—Yes.

For General Infectious Disease Cases :—

Location of Ambulance—Queensbury and Brighouse.

Ownership—Local Authority.

Type of Ambulance—Horse, Motor.

Arrangements for nurse to accompany patient—Yes.

Charges (if any) to patient in district—No.

For Smallpox :—

Location of Ambulance—Bradford and Halifax.

Type of Ambulance—Motor.

If ambulance of another Authority is used, please state terms and conditions—Local Authority pay and recover from patient if not ordered by M.O.H.

TABLE D, 1938.

QUEENSBURY & SHELF URBAN SANITARY DISTRICT.

HOUSING STATISTICS.

1—Inspection of dwelling-houses during the year:—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)—141.

(b) Number of inspections made for the purpose—285.

(2) (a) Number of dwelling-houses (included under sub-head (1) above), which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932—122.

(b) Number of inspections made for the purpose—241.

(3) Number of dwelling-houses needing further action—101.

(a) Number considered to be in a state so dangerous or injurious to health as to be unfit for human habitation—44.

(b) Number (excluding those in sub-head (3) (a) above) found not to be in all respects reasonably fit for human habitation—57.

2—Remedy of defects during the year without service of formal notices:—

No. of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers—9.

3—Action under Statutory Powers during the year.

A. Proceedings under Sections 9, 10 and 16, Housing Act, 1936:—

(1) No. of dwelling-houses in respect of which notices were served requiring repairs—72.

(2) No. of dwelling-houses which were rendered fit after service of formal notices—12.

(a) By owners—12.

(b) By Local Authority in default of owners—Nil.

B. Proceedings under Public Health Acts:—

(1) No. of dwelling-houses in respect of which notices were served requiring defects to be remedied—Nil.

(2) No. of dwelling-houses in which defects were remedied after service of formal notices—Nil.

(a) By owners—Nil.

(b) By Local Authority in default of owners—Nil.

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

- (1) No. of representations, etc., made in respect of dwelling-houses unfit for habitation—23.
- (2) No. of dwelling-houses in respect of which Demolition Orders were made—23.
- (3) No. of dwelling-houses demolished in pursuance of Demolition Orders—3.

D. Proceedings under Section 12 of the Housing Act, 1936:—

- (1) No. of separate tenements or underground rooms in respect of which Closing Orders were made—Nil.
- (2) No. of separate tenements or underground rooms, the Closing Orders in respect of which were determined, the tenement or room having been rendered fit—Nil.

4—Unhealthy Areas.

Have any areas been declared Clearance Areas during the year 1938? If so, please give full particulars as to such, including situation, number of houses, population, and action taken relative thereto—No clearance area declared.

5—Number of new houses erected during 1938:—

- (a) By the Local Authority—None.
- (b) By private enterprise—33.

6—Housing Conditions:—

- (1) Total number of houses in the District—3132.
- (2) No. of working-class houses included in the above—Nearly all.
- (3) General observations as to housing conditions, overcrowding, and shortage of houses—A steady demand for working class houses to let at a rental. Overcrowding is being abated.
- (4) Any special activity in house building? If so, where? Fleet Lane, Queensbury, Shelf Moor Road and Stone Chair, Shelf.
- (5) Any housing scheme projected by Local Authority? If so, please give particulars—Proceedings in progress with the Ministry re purchase of land in Queensbury and Shelf for Housing Schemes.
- (6) Any regulations made in respect of underground sleeping rooms under Section 12, Housing Act, 1936:—None.

7—Town Planning:—

(1) Is the Council a member of any Regional Town Planning Committee? If so, which?—Leeds and Bradford Joint Town Planning Committee.

(2) Is a Town Planning Scheme in force for

(a) The whole of the District—No.

(b) Part of the District—No.

If so, give particulars of scheme—None.

(3) Have Council during 1938 passed a Resolution deciding to prepare a Town Planning Scheme?—No resolution passed.

8—Name and address of Officer designated to make inspections under the Housing Consolidated Regulations—

H. Walmsley, Council Office, Queensbury.

9—Has any action been taken to improve the housing conditions of tuberculosis families in your District, either by way of building new or special houses, or the granting of special facilities for such families to be housed? If so, please state action taken? No. Open-air shelters supplied by West Riding C.C. on application.

10—Housing Act, 1936—Part IV—Overcrowding:—

(a) (1) No. of dwellings overcrowded at the end of the year 1938—8.

(2) No. of families dwelling therein—8.

(3) Number of persons dwelling therein—52.

(b) No. of new cases of overcrowding reported during the year 1938—4.

(c) (1) No. of cases of overcrowding relieved during the year—8.

(2) No. of persons concerned in such cases—53.

(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for abatement of overcrowding—Owners are notified by Council.

GENERAL REMARKS—

DAIRIES AND COWSHEADS.

Out of a total of 45 farms, there are still 10 without dairies. I have impressed on these that a dairy is essential to a clean-milk supply, with water laid on.

Structural conditions are good and very satisfactory reports have been made by the County Veterinary Officer. Improvements made at four farms.

HOUSING.

Houses for demolition were generally one-roomed, one-storey type dwelling-house.

SANITATION.

Scheme on hand for Sewage Works at Littlemoor, for 40 houses.

HOSPITAL.

Results have been satisfactory, 79 admissions and 79 discharges at Scarlet Fever Hospital, Long Lane, Ambler Thorn.

(Signed) J. J. MURPHY,

Medical Officer of Health.

NOTIFIABLE DISEASES
OTHER THAN TUBERCULOSIS) DURING THE YEAR
1938.

Disease.	Total Cases Notified.	Cases admitted to Hospital.	Total Deaths.
Smallpox	Nil.	Nil.	Nil.
Scarlet Fever	85	79	Nil.
Diphtheria	25	25	Nil.
Enteric Fever (including Paratyphoid)	Nil.	Nil.	Nil.
Puerperal Fever	Nil.	Nil.	Nil.
Puerperal Pyrexia	Nil.	Nil.	Nil.
Pneumonia	5	Nil.	1.
Erysipelas	5	Nil.	Nil.
Acute Poliomyelitis ...	Nil.	Nil.	Nil.
Other diseases generally notifiable (specify disease)	Nil.	Nil.	Nil.
Other diseases notifiable locally (specify disease)	Nil.	Nil.	Nil.

NOTIFIED CASES
OF
OPHTHALMIA NEONATORUM.

Notified.	Cases.		Vision un- impaired.	Vision impaired.	Total Blindness.	Deaths.
	Treated. At home.	In hospital.				
Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1938.

Age Periods.			New Cases.				Deaths.			
			Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
			M.	F.	M.	F.	M.	F.	M.	F.
0								
1								
5								
0							1	
5								
0								
5								
5					1			
5								
5								
5 and upwards										1
Totals	...						0	1	1	1

Re Nuisanees	...	...	...	...	...	...	188
New Drains	...	...	...	...	...	...	74
Houses and Schools, Disinfections	...	...	...	...	...	...	114
Ice Cream Dealers	...	...	...	...	...	...	3
Dairies and Cowsheds	...	...	...	...	...	...	150
Bakehouses	...	...	...	...	...	...	12
Slaughter House Visits	...	...	...	...	...	...	520
Smoke Observations	...	...	...	...	...	...	6
Houses in course of erection	...	...	...	...	...	...	36
Houses in course of repair	...	...	...	...	...	...	163
							<hr/> 1,266

Drains made up	...	...	...	...	...	20
Cellars flooded	...	...	...	...	...	16
Water in cellars	...	...	...	...	...	5
Water Closets made up	...	...	...	...	...	14
Defective Sinks	...	...	...	...	...	4
Cesspools overflowing	...	...	...	...	...	12
Defective Water Pipes	...	...	...	...	...	6
Defective Dust Bins	...	...	...	...	...	117
						<hr/> 201 <hr/>
Informal Notices served	...	...	...	...	...	27
Informal Notices complied with	...	...	...	...	...	27
Statutory Notices served	...	...	...	...	...	1
Statutory Notices complied with	...	...	...	...	...	1
Legal Proceedings	...	...	...	...	...	<hr/>—<hr/>
						56

DAIRIES AND COWSHEDS.

200 visits have been paid to 45 farms where 580 cattle are kept. Improvements have been carried out to mistles and sheds during the Summer months, including repairs to sheds, lighting and ventilation. We have 33 farms with dairies and 10 with no dairies. All should have dairies for keeping of milk and milk utensils.

DRAIN AND DRAIN INSPECTIONS.

Complaints were received where drains were choked, these received early attention. 94 inspections made.

BAKE-HOUSES.

The 12 bakehouses are clean and limewashed twice yearly as bye-law. All have been visited twice yearly.

SMOKE OBSERVATIONS.

6 smoke observations have been taken of 4 chimneys. The observations were of 30 minutes' duration, and the results were in all cases good.

DISINFECTIIONS.

110 houses and 2 schools have been stoved and disinfected. Disinfecting powder and liquid are given free to residents in the district. 9 to 10 a.m. daily.

EXTINCTION OF RATS.

Rat poison is given free to residents who apply for same, together with instructions as to its use. During November, Rat Week, one man was employed 3 days, laying bait in known rat runs and suspected places. In all 300 baits were laid and poison to the value of £3 was purchased.

HOUSING REPORT.

During the year 33 new houses have been built by private enterprise, which are of the working-class type. Private building is still proceeding in Fleet Lane and Shelf Moor.

INSPECTION OF NEW HOUSES.

50 visits have been paid to houses in course of erection re concrete footing, foundation, damp courses, air space, walls and light, and certificates issued on completion.

TIPS AND ASH COLLECTION.

We have in all three tips for the Queensbury Area, one at Pineberry Quarry is used mostly. This tip is rented by the Council and will serve the district for a number of years.

We have a tip at Windy Bank for that area.

In Shelf Area there is a tip rented by the Council on the Brighthouse and Denholme Road. The tips are in good condition, and no complaints have been received. Bins are collected on Tuesdays, Wednesdays and Fridays by motor, which have done excellent work throughout the year. On other days horses and carts are used for privy middens and dry ashpits. Total number of loads removed from middens, etc., 1058 and number of bins collected, 122,249, at a total cost of £1247 0s. 0d.

SANITARY SURVEY OF THE DISTRICT.

- 3 Privies have been converted to W.C.'s.
- 33 W.C.'s have been added in new houses.
- 40 Ashpits have been abolished.
- 3132 Houses in the district.
- 2077 Queensbury, 1055 Shelf.
- 2008 Ash-bins.
- 255 Privy Middens and Earth Closets.
- 10 Dry Ashpits.
- 25 Open Ashpits.
- 57 Tub Closets.
- 2273 W.C.'s including those in works, clubs and public buildings.

SEWERAGE.

QUEENSBURY.

We have had very little trouble with the sewers being choked. No new sewer has been lain. We have had no trouble with the sewerage at the works. The sewage is treated by the system of Detritus Tanks, Precipitation Tanks, Percolating Filters, Sludge Beds and Humus Tanks. There is also some treated by the land treatment, ridge and furrow. The outfall works have been able to easily cope with the flow. Samples have been taken from time to time by the Rivers' Board Inspector but no complaint has been received as to the quality of the discharged effluent. As more houses are built more sludge beds will be required.

SHELF.

There are two sewerage works here, Wood Fall and Lamb Brook. Wood Fall receives about two-thirds of the effluent and Lamb Brook, one-third. The Wood Fall works are by the system of Detritus Tanks, Precipitation Tanks, Percolating Filters and Humus Tanks. Those works are rather overworked to get a good effluent, and some improvement is needed. At Lamb Brook the system is Detritus Tanks, Precipitation Tanks, Percolating Filters, but no Humus Tank. The flow to these works is not so great and the provision of a Humus Tank would greatly improve the effluent.

The Council are considering a scheme to improve both works, Wood Fall to be extended, Lumb Brook to be extended or taken to Brighouse for treatment.

WATER SUPPLY.

QUEENSBURY.

We have now a good supply to all parts of the district. No new mains have been laid during the year. The water supply comes from a Bradford source at Thornton Moor. Samples have been taken from time to time, the result proving it to be a pure and wholesome supply. The Bradford Main comes direct through Mountain and down Albert Road, near the Council Offices a connection is made with the Bradford Main which then flows through the meter direct into the Queensbury Main. This supply feeds half of the district. The reservoir is used for storage and to feed the new 6-in. main. The supply to the Mountain area which was by pumping water into the tower and then flowing by gravitation to the Mountain area, did not give an adequate supply, so the Council have pulled the old engine and pump out and installed an up-to-date Booster Pump plant. This has given a very good supply to this area and a much needed improvement.

The water supply at Shelf comes direct from the Bradford Mains, the Council being responsible for its distribution. All the district has a good and plentiful supply.

T. A. NOBLE, Surveyor.

**BIRTH-RATES, DEATH-RATES, ANALYSIS OF
MORTALITY, MATERNAL DEATH-RATES, and
CASE-RATES for CERTAIN INFECTIOUS
DISEASES in the Year 1938.**

England and Wales, London, 126 Great Towns and 148 Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns).

				126 County Boro's and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Adminis- trative County
				Rates per 1,000 Populon.		
Births:—						
Live	...	...	15.1	15.0	15.4	13.4
Still	...	...	0.60	0.65	0.60	0.48
Deaths:—						
All Causes...	...		11.6	11.7	11.0	11.4
Typhoid and Para-typhoid Fevers			0.00	0.00	0.00	0.00
Smallpox	...		0.00	—	0.00	—
Measles	...		0.04	0.05	0.03	0.06
Scarlet Fever	...		0.01	0.01	0.01	0.01
Whooping Cough...			0.03	0.03	0.02	0.03
Diphtheria	...		0.07	0.07	0.06	0.05
Influenza	...		0.11	0.10	0.11	0.06
Notifications:—						
Smallpox	...		0.00	0.00	0.00	—
Scarlet Fever	...		2.41	2.60	2.58	2.05
Diphtheria	...		1.58	1.85	1.53	1.90
Enteric Fever	...		0.03	0.03	0.04	0.05
Erysipelas	...		0.40	0.46	0.39	0.46
Pneumonia	...		1.10	1.28	0.98	0.98
				Rates per 1,000 Live Births.		
Deaths under 1 year of age	...	...	5.3	5.7	5.1	5.7
Death from Diarrhoea and Enteritis under 2 years of age	...		5.5	7.8	3.6	13.1
Maternal Mortality:—						
Puerperal Sepsis			0.89	Not available		
Others	...	...	2.19			
Total	...	...	3.08			
				Rates per 1,000 Total Births (i.e. Live & Still)		
Maternal Mortality:—						
Puerperal Sepsis			0.86	Not available		
Others	...	...	2.11			
Total	...	...	2.97			
Notifications:—						
Puerperal Fever	...		14.42	18.08	12.51	3.53
Puerperal Pyrexia						15.46

